Vendor: HP

Exam Code: HP0-S43

Exam Name: Delta - Integrating HP ProLiant Server Solutions

Version: DEMO

QUESTION 1
A customer is using a 3PAR StoreServ storage system attached directly to a BladeSystem Enclosure through Virtual Connect FlexFabric-20/40 FS modules.
The customer needs to simplify the process of creating and attaching volumes for server administrators.
Which tasks should the system integrator perform in HP OneView? (Select two.)

A. Import Fibre Channel networks from the 3PAR StoreServe storage system.
B. Create Fibre Channel networks and set the Fabric type to Direct Attach.
C. Add the storage administrator role to server administrators' user accounts.
D. Create a storage domain.
E. Add storage pools

Answer: CE
Explanation:
Automated Storage Provisioning
HP OneView provides automated, policy-driven provisioning of storage resources. It is fully integrated with server profiles so that you can manage your new or existing HP 3PAR storage infrastructure. With HP OneView you can view and manage your storage system and storage pools. You add existing volumes and create new volumes, and you can create volume templates to provision multiple volumes with the same configuration.
Adding storage to the appliance is simple: First, add a storage system and storage pools to the appliance. Then, create or add volumes, associate them with networks, and attach them to server profiles.
References:
http://h17007.www1.hp.com/docs/enterprise/servers/oneviewhelp/oneviewRESTAPI/content/s_ci cug-intro-functions-provision-fusion.html

QUESTION 2
What is a benefit of using 20Gb FlexFabric Converged network adapter (CNA) for the BladeSystems?

A. It allows support tor RDMA over Converged Ethernet (RCOE) when the HP 6125XLG is used in conjunction with the FlexFabric adapter.
B. It delivers 10Gb performance per port with an aggregate 20Gb in a dual-port adapter.
C. The adapter streams converge 10GbE and 16Gb storage simultaneously over the same 20GD port.
D. Performance is delivered through multiple 2/10Gb ports using multiple adapters in a teamed fashion.

Answer: A
Explanation:
The HP FlexFabric 20Gb 2-port 650FLB adapter for ProLiant Gen9 server blades provides full-featured, high performance converged 20Gb Ethernet that accelerates IT services and increases data center efficiency across a broad range of I/O intensive enterprise, cloud and Telco workloads.
The HP 650FLB supports RDMA over Converged Ethernet (RoCE) which increases host efficiency and lowers latency. RoCE is supported with the HP 6125XLG, and other 10GbE switches.
References: Quickspecs, HP FlexFabric 20Gb 2-port 650FLB Adapter, page 1
http://www8.hp.com/h20195/v2/getpdf.aspx/c04347341.pdf?ver=3

QUESTION 3
Which statement describes how integrators use HP OneView to manage firmware on managed enclosures and servers?

A. They receive HP OneView alerts for firmware updates, but they must install a separate HP Smart update manager solution to handle the updates.
B. They use HP OneView to view firmware versions on managed components, but they must install a separate HP smart Update Manager solution to handle the updates.
C. They use HP OneView to launch HP Smart storage administrator (SSA), which they then use to upgrade firmware.
D. They define a firmware baseline, and OneView updates managed components to this baseline.

Answer: B
Explanation:
The HPE OneView Global Dashboard provides a unified view of the health of servers, profiles and enclosures (up to 10 appliances) across multiple virtual and physical appliances.
Using HPE OneView for vCenter
HPE OneView for vCenter is a single, integrated application for managing ProLiant servers and HPE storage systems running VMware.
HPE OneView for vCenter provides firmware inventory and performs driver and online firmware updates for one or more VMware hosts using HPE SUM and the SPP.
References:
http://h20195.www2.hpe.com/V2/GetPDF.aspx/4AA5-0247ENW.pdf

QUESTION 4
How does Secure Boot protect against unauthorized operating systems and malware attacks?

A. by validating the Challenge Handshake Authentication Protocol passphrase
B. by integrating with REST API callouts that perform bootloaders encryption
C. by validating that the system only runs digitally signed option ROMs and operating system boot loaders
D. by integrating with different authentication systems, including Kerberos and Active Directory

Answer: C
Explanation:
Secure Boot Configuration is a new feature of the Unified Extensible Firmware Interface (UEFI) in BIOS 8 that helps a computer resist attacks and infection from malware. When your computer was manufactured, UEFI created a list of keys that identify trusted hardware, firmware, and operating system loader code. It also created a list of keys to identify known malware.
When Secure Boot is enabled, the computer blocks potential threats before they can attack or infect the computer.
References: http://support.hp.com/us-en/document/c03653226

QUESTION 5
A company needs a solution Tor monitoring and diagnosing issues with devices in its data center.
The company has the following requirements for the solution:

- It monitors its HP ProLiant Gen6 and Gen9 servers.
- It monitors its HP storage and networking devices.
- It is simple- to set up.

Why should the integrator choose HP Insight Online with HP Insight Remote Support rather than HP insight Online alone as the solution?

A. it does not require the installation of a local hosting device
B. it is required to monitor Gen9 servers
C. it supports storage and networking devices
D. it is required for mixed Gen8 and Gen9 deployments

Answer: C
Explanation:
Insight Remote Support software supports most HP servers, storage, network devices.
Incorrect Answers:
A: Insight Online direct connect does not require software installation or on-site console.
References:
http://www8.hp.com/us/en/products/servers/solutions.html?compURI=1487547#.V2krRmh96Uk
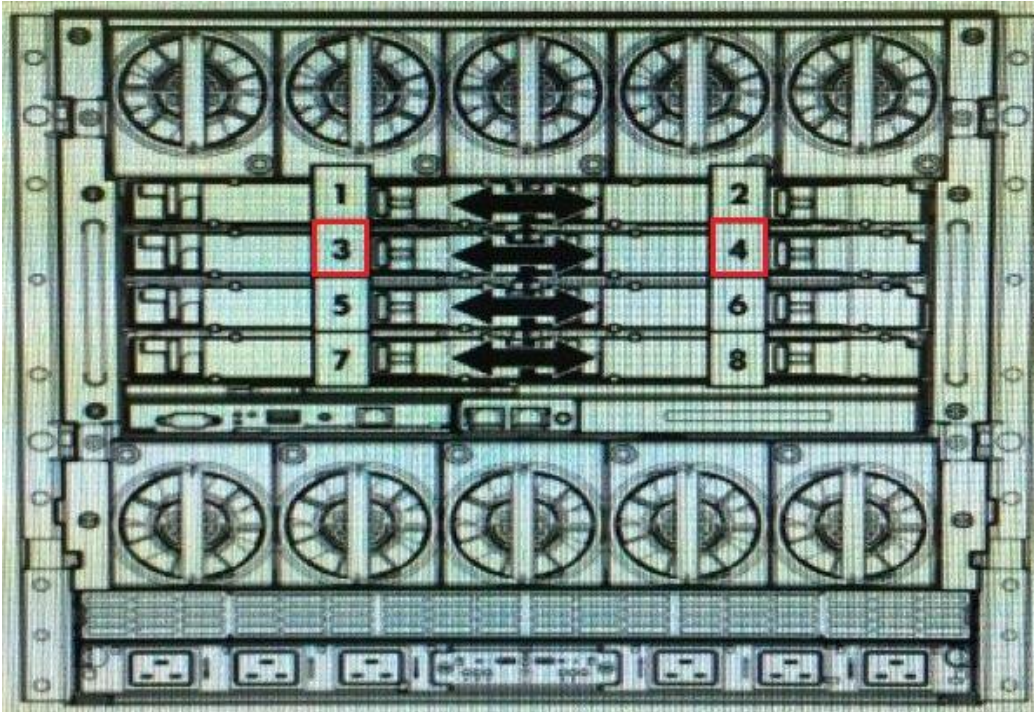

QUESTION 6
Hotspot Questions
A serverintegrator has installed NICs in mezzanine 1 on HP ProLiant Gen9 BL servers in an HP
c7000 BladeSystem Enclosure.
Next, the integrator needs to install interconnect modules for these new ports.
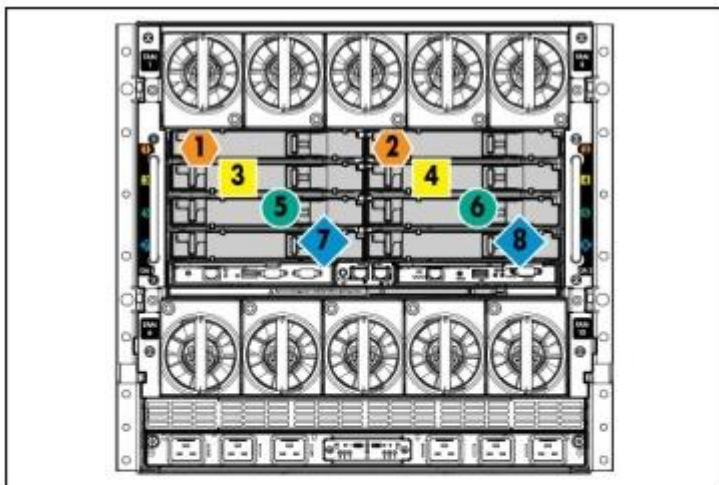Click me two bays in which the administrator should install the modules.
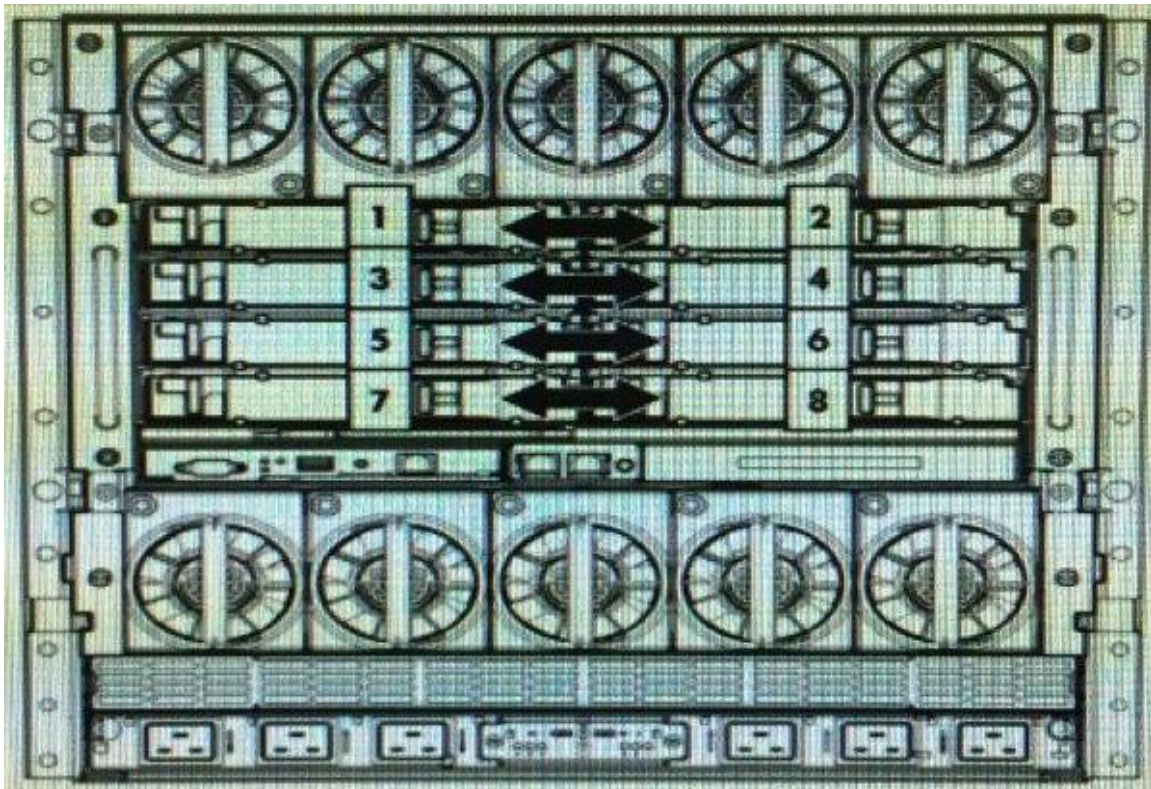
Answer:

Explanation:
Installing interconnect modules use interconnect bay number 3 and 4.

Server blade signal	Interconnect bay number	Interconnect bay label
NICs 1, 2, 3, and 4 (embedded)	1, 2	⬡
Mezzanine 1	3, 4	▢
Mezzanine 2	5, 6 and then 7, 8	● ◆
Mezzanine 3	7, 8 and then 5, 6	◆ ●

References: HPE BladeSystem c7000 Enclosure Quick Setup Instructions, page 11
http://www.hp.com/ctg/Manual/c00698534.pdf

QUESTION 7
Which resource can a server integrator use to verify whether VMware vSphere ESXi 5.5 U2 is supported on an up BL460c Gen9 server?

A. HP Quickspecs Offline
B. VMware ESXi Hardware Requirements Guide
C. HP Support Agreement Manager Website
D. HP Servers Support and Certification Matrices

Answer: D
Explanation:
From the HPE Servers Support & Certification Matrices site:
"Welcome to HPE's interactive VMware Support and Certification webpage for ProLiant Servers. Just click on the server to obtain driver downloads, certification and support information. HPE recommends that our customers update to the latest service packs and security releases from VMware.
HPE is committed to supporting all customers that install latest services packs and security releases released from VMware.
Click on the product to obtain product information, downloads, certifications, and documentation.
"
References: http://www8.hp.com/us/en/products/servers/management/operating-environments/os-support-matrix.html

QUESTION 8
An integrator needs to upgrade the BIOS and Smart Array controller firmware on an HP ProLiant Gen9 series server. The server has no operating system installed and the customer site has no Internet access. The integrator already downloaded the individual firmware components before going on site.
Which statement accurately reflects the status of the integrator's task?

A. It can be completed as the HP ProLiant Gen9 series server provides me firmware update function in HP UEFI System Utilities.
B. It can be completed as the HP ProLiant Gen9 series server provides the Intelligent Provisioning function in HP UEFI System Utilities.
C. It can be completed as the HP ProLiant Gen9 series server provides the firmware update function .n HP RBSU System Utility.
D. It can be completed as the HP ProLiant Gen9 series server provides the Intelligent Provis.on.ng function in HP RBSU System Utility.

Answer: A
Explanation:
The Unified Extensible Firmware Interface (UEFI) includes the UEFI Shell, a command line interface (CLI) application that allows scripting, file manipulation, obtaining system information, and running other UEFI applications plus more than ten HP specific commands for easier configuration.
UEFI Shell is based on the UEFI Shell Specification 2.1, with improvements for server configuration, hardware inventory, firmware updates, deployment, and Secure Boot key management.
References: http://www8.hp.com/us/en/products/server-software/product-detail.html?oid=693582

Thank You for Trying Our Product

PassLeader Certification Exam Features:

★ More than **99,900** Satisfied Customers Worldwide.

★ Average **99.9%** Success Rate.

★ **Free Update** to match latest and real exam scenarios.

★ **Instant Download** Access! No Setup required.

★ Questions & Answers are downloadable in **PDF** format and **VCE** test engine format.

★ Multi-Platform capabilities - **Windows, Laptop, Mac, Android, iPhone, iPod, iPad**.

★ **100%** Guaranteed Success or **100%** Money Back Guarantee.

★ **Fast**, helpful support **24x7**.

View list of all certification exams: http://www.passleader.com/all-products.html

10% Discount Coupon Code: **STNAR2014**